FORM PTO-1449 (Modified)	<b>ATTY DOCKET NO.</b> 370143-79	SERIAL NO. 69/907-273	10/648,046.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT		
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Reference Designation

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U.S. PATENT DOCUMENTS

Examiner Initials		Docket Number	Date	Name	Class	Sub- Class	Filing Date If Appro- priate
LACIA		3,321,369	05/23/67	Glasky et al.	Cidss		
V)R	1						
<u> </u>	2	3,300,380	01/24/67	Gray et al.			
	3	3,438,968	04/15/69	Glasky et al.			
	4	3,666,856	05/30/72	Elion et al.			
	. 5	4,035,486	07/12/77	Laborit			
	6	4,138,562	02/06/79	Vince			
	7	4,221,794	09/09/80	Simon et al.	<u> </u>		
	8	4,221,909	09/09/80	Simon et al.			
	9	4,221,910	09/09/80	Giner-Sorolla			
	10	4,315,920	02/16/82	Schaeffer et al.			
	11	4,340,726	07/20/82	Simon et al.			
	12	4,347,360	08/31/82	Ogilvie			
	13	4,451,478	05/29/84	Simon et al.			
	14	4,643,992	02/17/87	Goodman et al.			
<u> </u>	15	4,952,693	08/28/90	Sircar et al.			
	16	5,023,244	06/11/91	Goto et al.	-		
	17	5,091,432	02/25/92	Glasky			
	18	5,093,318	03/03/92	Goodman et al.			
	19	5,187,162	02/16/93	Marangos et al.	· -		
	20	5,237,051	08/17/93	Garbers et al.			
	21	5,256,677	10/26/93	Sham et al.	-		
	22	5,376,642	12/27/94	Yarchoan et al.			
	23	5,447,939	09/05/95	Glasky			
	24	5,565,437	10/15/96	Marquez et al.			
	25	5,595,901	01/21/97	Rocancourt et al.			
	26	5,795,756	08/18/98	Johnson et al.			
	27	5,801,159	09/01/98	Miller et al.			
	28	5,801,184	09/01/98	Glasky et al.			
	29	5,948,771	09/07/99	Danziger			
V	30	6,027,936	02/22/00	Glasky	-		

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT		
STATEMENT	David B. Fick et al.		
(Use additional sheets if necessary)	FILING DATE	GROUP	
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FOREIGN PATENT DOCUMENTS

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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<u>NOR</u>	34	N.W. Tietz, ed., "Textbook of Clinical Chemistry" (W.B. Saunders Co., Philadelphia, 1986), pp. 882-886.
	35	G.A. Lyles & B.A. Callingham, "The Effects of Thyroid Hormones on Monoamine Oxidase in the Rat Heart," J. Pharm. Pharmacol. 26: 921-930 (1974).
	36	S.K. Gupta & R.K. Mishra, "Desensitization of D <sub>1</sub> Dopamine Receptors Down-Regulates the G <sub>6</sub> α Subunit of G Protein in SK-N-MC Neuroblastoma Cells," J. Mol. Neurosci. 4: 117-123 (1993).
	37	S.K. Gupta & R.K. Mishra, "Up-Regulation of D <sub>1</sub> Dopamine Receptors in SK-N-MC Cells After Chronic Treatment with SCH 23390," Neurosci. Res. Commun. 15: 157-166 (1994).
	38	P.W. Baures et al., "Design, Synthesis, X-Ray Analysis, and Dopamine Receptor-Modulating Activity of Mimics of the 'C5' Hydrogen-Bonded Conformation in the Peptidomimetic 2-Oxo-3-(R)-[(2(S)-Pyrrolidinylcarbonyl)amino]-1-Pyrrolidineacetamide," J. Med. Chem. 37: 3677-3683 (1994).
	39	J.E. Savelli et al., "Modulation of N-Methyl-D-Aspartate (NMDA) Antagonist-Induced Darting Behaviour by the Peptidomimetic PAMTA," <u>Brain Res.</u> 682: 41-49 (1995).
	40	K.A. Jacobson, "Chemical Approaches to the Definition of Adenosine Receptors" in Adenosine Receptors (D.M.F. Cooper & C. Londos, eds., Receptor Biochemistry and Methodology, J.C. Venter, L.C. Harrison, eds., Alan R. Liss: New York, 1988), pp. 11:1-26.
	41	S.H. Appel & J.L. McManaman, "Is a Breakdown of the Blood-Brain Barrier Cause or Effect?," Neurobiol. Aging 7:512-514 (1986).
	42	S.M. MacDonald et al., "Immunological Parameters in the Aged and in Alzheimer's Disease," <u>Clin. Exp. Immunol.</u> 49:123-128 (1982).
	43	A.E. Miller et al., "Immunological Studies in Senile Dementia of the Alzheimer Type: Evidence for Enhanced Suppressor Cell Activity," Ann. Neurol. 10:506-510 (1981).
	44	K. Stefansson, "Neuroimmunology of Aging" in <u>Clinical Neurology of Aging</u> (M.L. Albert, ed., Oxford University Press, Oxford, (1984)), ch. 4, pp. 76-94.
	45	L.R. Weitkamp et al., "Alzheimer Disease: Evidence for Susceptibility Loci on Chromosomes 6 and 14," Am. J. Hum. Genet. 35:443-53 (1983).
	46	A. Yamazaki et al., "Synthesis of Guanosine and Its Derivatives from 5-Amino-1-β-D-Ribofuranosyl-4- Imidazolecarboxamide I. Ring Closure with Benzoyl Isothiocyanate, <u>J. Org. Chem.</u> 32:1825-1828 (1967).
V	47	B. Alhede et al., "A Simple and Efficient Synthesis of 9-Substituted Guanines. Cyclodesulfurization of 1-Substituted 5-[(Thiocarbamoyl)amino]imidazole-4-carboxamides under Aqueous Basic Conditions," J. Org. Chem. 56:2139-2143 (1991).

Examiner	Date Considered	9/21/05	1
Examiner:		citation is in conformance with MPEP 609; draw line through	Ī

FORM PTO-1449 (Modified)	ATTY DOCKET NO. SERIAL NO. 370143-79 97907,273		10/648,046
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT  David B. Fick et al.		
(Use additional sheets if necessary) PAGE 3 OF 6	FILING DATE July 17, 2001	GROUP 1624	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		OTHER ART (Including Author, Title, Date, Perlinent Pages, Etc.)
V	<b>A</b> 48	R.E. Callard & A.J.H. Gearing, "The Cytokine Facts Book" (Academic Press, London, 1994), pp. 99-100, 104-105, 191-200, 235-237.
	49	P.J. Middlemiss et al., "AIT-082, a Unique Purine Derivative, Enhances Nerve Growth Factor Mediated Neurite Outgrowth from PC12 Cells," Neurosci. Lett. 199: 131-134 (1995).
	50	K.L. Audus et al., "Brain Uptake of Drugs: the Influence of Chemical and Biological Factors," Adv. Drug Res. 23: 1-64 (1992).
	51	W.A. Banks & A.J. Kastin, "Measurement of Transport of Cytokines Across the Blood-Brain Barrier," Meth. Neurosci. 16: 67-77 (1993).
	52	A.L. Betz, "Identification of Hypoxanthine Transport and Xanthine Oxidase Activity in Brain Capillaries," J. Neurochem. 44: 574-579 (1985).
	53	F.G. Blasberg et al., "Transport of α-Aminoisobutyric Acid Across Brain Capillary and Cellular Membranes," J. Cereb. Blood Flow Metab. 3: 8-32 (1983).
	54	E.M. Cornford & W.H. Olendorf, "Independent Blood-Brain Barrier Transport Systems for Nucleic Acid Precursors," Biochim. Biophys. Acta 394: 211-219 (1975).
	55	A.J. Glasky et al., "Effect of AIT-082, a Purine Analog, on Working Memory in Normal and Aged Mice," Pharmacol. Biochem. Behav. 47: 325-329 (1994).
	56	A.J. Glasky et al., "Neurotrophins, Growth Factors and Mimetic Agents as Neuroprotectors in the Treatment of Alzheimer's Disease" in Alzheimer Disease: From Molecular Biology to Therapy (R. Becker & E. Giacobini, eds., Birkhäuser, Boston, 1996), pp. 119-124.
	57	E.G. Gutierrez et al., "Murine Tumor Necrosis Factor Alpha Is Transported from Blood to Brain in the Mouse," J. Neuroimmunol. 47: 169-176 (1993).
	58	M. Hosokawa & M. Ueno, "Aging of Blood-Brain Barrier and Neuronal Cells of Eye and Ear in SAM Mice," Neurobiol. Aging 20: 117-123 (1999).
	59	M.D. Johnson & B.D. Anderson, "Localization of Purine Metabolizing Enzymes in Bovine Brain Microvessel Endothelial Cells: An Enzymatic Blood-Brain Barrier for Dideoxynucleosides?," Pharm. Res. 13: 1881-1886 (1996).
	60	A.D. Mooradian, "Effect of Aging on the Blood-Brain Barrier," Neurobiol. Aging 9: 31-39 (1988).
	61	W. Pan et al., "Permeability of the Blood-Brain Barrier to Neurotrophins," Brain Res. 788: 87-94 (1998).
	62	W.M. Pardridge, "CNS Drug Design Based on Principles of Blood-Brain Barrier Transport," <u>J. Neurochem.</u> 70: 1781-1792 (1998).
	63	J.F. Poduslo et al., "Macromolecular Permeability Across the Blood-Nerve and Blood-Brain Barriers," Proc. Natl. Acad. Sci. USA 91: 5705-5709 (1994).
	64	J.F. Poduslo & G.L. Curran, "Permeability at the Blood-Brain Barrier and Blood-Nerve Barriers of the Neurotrophic Factors: NGF, CNTF, NT-3, BDNF," Mol. Brain Res. 36: 280-286 (1996).
	65	J.J. Ramirez et al., "AIT-082 Accelerates Septodentate Sprouting After Unilateral Entorhinal Cortex Lesion in Rats," Soc. Neurosci. Abstr. 24: 1942 (1998).
	66	G.N. Shah & A.D. Mooradian, "Age-Related Changes in the Blood-Brain Barrier," Exp. Gerontol. 32: 501-519 (1997).
	67	I. Skoog et al., "A Population Study on Blood-Brain Barrier Function in 85-Year-Olds: Relation to Alzheimer's Disease and Vascular Dementia," Neurology 50: 966-971 (1998).
	68	R. Spector, "Hypoxanthine Transport Through the Blood-Brain Barrier," Neurochem. Res. 12: 791-796 (1987).
V	69	R. Spector, "Hypoxanthine Transport and Metabolism in the Central Nervous System," J. Neurochem. 50: 969-978 (1988).

Examiner (	Dupek (lens	Date Considered	9/21/05	
Examiner:			citation is in conformance with MPEP 609; draw line through	

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FORM PTO-1449 (Modified)	ATTY DOCKET NO. 370143-79 SERIAL NO. 09/907.273 10/648,0			
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT			
STATEMENT	David B. Fick et al.			
(Use additional sheets if necessary)	FILING DATE	GROUP		
PAGE 4 OF 6	July 17, 2001	1624		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) D. Triguero et al., "Capillary Depletion Method for Quantitation of Blood-Brain Barrier Transport of Circulating Peptides and Plasma Proteins," J. Neurochem. 54: 1882-1888 (1990). W.A. Banks et al., "Measurement of Efflux Rates from Brain to Blood" in Methods in Molecular Biology, Neuropeptide Protocols (G.B. Irvine & C.H. Williams, eds., Humana Press, Totowa, NJ, 1997), pp. 353-360. M.P. Rathbone et al., "Physiology and Pharmacology of Natural and Synthetic Nonadenine-Based Purines in the Nervous System," Drug Develop. Res. 45: 356-372 (1998). M.P. Rathbone et al., "AIT-082 as a Potential Neuroprotective and Regenerative Agent in Stroke and Central Nervous System Injury, Exp. Opin. Invest. Drugs 8: 1255-1262 (1999). W.A. Banks et al., "Effects of Wheatgerm Agglutinin and Aging on the Regional Brain Uptake of HIV-1 gp120," Life Sci. 65: 81-89 (1999). J.S. Bintner et al., "AIT-082, a Hypoxanthine Derivative, Prevents Much of the Decrease in Cerebellar Neuron ATP Following Glutamate Exposure," Soc. Neurosci. 25: 2131 (1999) (abstract). R. Huang et al., "Enhancement of Neuronal Cell Excitability by AIT-082 in Rat Hippocampal Neurons and Its Effects on Second Messenger Systems," Soc. Neurosci. 24: 1941 (1998) (abstract). O.Chu-LaGraff et al., "Effect of AIT-082 on Brain NGF mRNA Levels and Transport of AIT-082 Across the Blood-Brain Barrier," Soc. Neurosci, 24: 1941 (1998) (abstract). F. Caciagli et al., "The Hypoxanthine Derivative AIT-082 Protects Against Neurotoxicity in Vitro and in Vivo," Soc. Neurosci. 24: 1941 (1998) (abstract). B.H.J. Juurlink et al., "The Hypoxanthine Analogue AIT-082 Promotes Neurite Formation and Regeneration in Cultured Hippocampal Neurons," Soc. Neurosci. 24: 1941 (1998) (abstract). E.M. Taylor et al., "14C-AIT082 Crosses the Blood-Brain Barrier and Is Pumped Out of Brain by a Probenecid- and Verapamil-Sensitive Mechanism,\* Soc. Neurosci. 25: 1758 (1999) (abstract). F. Caciagli et al., "The Hypoxanthine Analogue AIT-082 Mimics the Activity of Guanosine in Affecting Extracellular Adenosine Breakdown and Glutamate Reuptake in Rat Cultured Astrocytes," Soc. Neurosci. 25: 1195 (1999) (abstract). R. Ciccarelli et al., "Guanosine and Related Drugs Stimulate the Production of Neurotrophic Factors from Rat Cultured Astrocytes by Involving Mitogen-Activated Protein Kinase Pathway," Soc. Neurosci. 25: 1013 (1999) (abstract). P.J. Middlemiss et al., "The Synthetic Purine AIT-082 Enhances Recovery After Acute Spinal Cord Crush Injury in Rats," Soc. Neurosci. 25: 1002 (1999) (abstract). P. Di Iorio et al., "The Hypoxanthine Derivative AIT-082 Is Protective Against NMDA- or Kainic Acid-Induced Rat Hippocampal Neurotoxicity in Vivo," Soc. Neurosci. 25: 756 (1999) (abstract). A.G. Gittis & J.R. Puzuasky, "AIT-082 Improves Memory Performance in a Non-Match-to-Sample Task in Rats," Soc. Neurosci. 25: 62 (1999) (abstract). G. Shaw et al., "Purines, Pyrimidines, and Glyoxalines. Part XIII. Some New Unambiguous Syntheses of 5-Aminoglyoxalines and 5-Aminoglyoxaline-4-carboxamides, and a Synthesis of 5-Amino-1-β-Dribofuranosylglyoxaline-4-carboxyamide," J. Chem. Soc. 1959: 1648- (1959). P.R. Birkett et al., "Synthesis and Intramolecular Cyclisation of 5-Aminoimidazolealkanoates and Their Conversion to Purine Derivatives," Synthesis 1991:157-159 (1991). G.M. Blackburn & M.J. Gait, eds., Nucleic Acids in Chemistry and Biology (2d ed., Oxford University Press, 1996), 88 pp. 148-152. S. Lehmann et al., "Neurite Outgrowth of Neurons of Rat Dorsal Root Ganglia Induced by New Neurotrophic Substances with Guanidine Group," Neurosci. Lett. 152:57-60 (1993).

Examiner	Drupak Ray 8	Date Considered	9/4/05	
Examiner:			tation is in conformance with MPEP 609; draw line through the copy of this form with next communication	

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FORM PTO-1449 (Modified)	ATTY DOCKET NO. 370143-79	SERIAL NO.	10/648,046
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT		
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		PAGE 5 OF 6 JULY 17, 2001 1624
7	6 TOTA	
\$29		OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)
ASO		M. Barinaga, "Carbon Monoxide: Killer to Brain Messenger in One Step," Science 259:309 (1993).
	RAY	A. Verma et al., "Carbon Monoxide: A Putative Neural Messenger," Science 259:381-384 (1993).
-		M. Zuo et al., "Nitric Oxide and Carbon Monoxide Produce Activity-Dependent Long-Term Synaptic
WR	92	Enhancement in Hippocampus," <u>Science</u> 260: 1946-1950 (1993).
	93	A. Seiger et al., "Intracranial Infusion of Purified Nerve Growth Factor to an Alzheimer Patient: The First Attempt of a Possible Future Treatment Strategy," <u>Behavioural Brain Res.</u> 57: 255-261 (1993).
	94	A. Nitta et al., "Effects of Oral Administration of a Stimulator for Nerve Growth Factor Synthesis in Basal Forebrain-Lesioned Rats," Eur. J. Pharmacol. 250: 23-30 (1993),
	95	M.H. Tuszynski & F.H. Gage, "Neurotrophic Factors and Neuronal Loss," in Alzheimer Disease (R.D. Terry et al., eds., Raven Press, New York, 1994), ch. 25, pp. 405-417.
·	96	R.D. Hawkins et al., "Nitric Oxide and Carbon Monoxide as Possible Retrograde Messengers in Hippocampal Long-Term Potentiation," J. Neurobiol. 25: 652-665 (1994).
	97	S.H. Snyder, "NO and CO: The Body's Unprecedented Signaling Molecules," 1995 Yearbook of Science and The Future, Engyclopedia Britannica, pp. 84-101.
	98	J.Z. Fields et al., "Cardiac Muscarinic Cholinergic Receptors: Biochemical Identification and Characterization," <u>I.</u> Biol. Chem. 253:3251-3258 (1978).
	99	D.H. Maurice & R.J. Haslam, "Molecular Basis of the Synergistic Inhibition of Platelet Function by Nitrovasodilators and Activators of Adenylate Cyclase: Inhibition of Cyclic AMP Breakdown by Cyclic GMP," Mol. Pharmacol. 37: 671-681 (1990)
	100	I.D. Laviada et al., :Phosphatidylcholine-Phospholipase C Mediates the Induction of Nerve Growth Factor in Cultured Glial Cells," FEBS Lett. 364: 301-304 (1995)
	101	A. Aurell et al., "The S-100 Protein in Cerebrospinal Fluid: A Simple ELISA Method," <u>J.Neurol. Sci.</u> 89: 157-164 (1989).
ŀ	102	J. Barnett et al., "Human β Nerve Growth Factor Obtained from a Baculovirus Expression System Has Potent in Vitro and in Vitro Neurotrophic Activity," Exp. Neurol. 110:11-24 (1990).
	103	M.M. Bradford, "A Rapid and Sensitive Method for the Quantitation of Microgram Quantities of Protein Using the Principle of Protein-Dye Binding," Anal. Biochem. 72: 248-254 (1976).
	/ 104	A. Dhainaut et al., "New Purines and Purine Analogs as Modulators of Multi-Drug Resistance," J. Med. Chem. 39:4099-4108 (1996)
	105	U. Diederichsen & H.W. Schmidt, "β-Homoalanyl-PNA: A Special Case of β-Peptides with β-Sheet-Like Backbone Conformation; Organization in Higher Ordered Structures," <u>Eur. J. Org. Chem.</u> 1998: 827-835 (1998).
	106	M. Iwakawa et al., "Synthetic Routes to Nucleoside Analogs of N-Substituted 1,3-Thiazolidines," Can. J. Chem. 56:326-335 (1978).
	107	M.L. Peterson & R. Vince, "Synthesis and Biological Evaluation of 4-Purinylpyrrolidine Nucleosides," <u>I. Med. Chem.</u> 34:2787-2795 (1991).
	108	D.A. Nugiel et al., "Facile Preparation of 2,6-Disubstituted Purines Using Solid Phase Chemistry," J. Org. Chem.J. Org. Chem. 62:201-203 (1997).
	109	K.G. Estep et al., "Synthesis and Structure-Activity Relationships of 6-Heterocyclic-Substituted Purines as Inactivation Modifiers of Cardiac Sodium Channels," J. Med. Chem. 38:2582-2595 (1995).
4	110	R.E. Dolle & D. McNair, "9-(Sulfoximinoalkyl) Guanine Nucleosides as Potential Antiherpetic Agents,: Tetrahedron Lett. 34:1 (133-136) (1993).

Examiner	Dujak le	Date Considered	9/21/05		1
Examiner	Initial if reference or	onsidered whether or not	citation is in conformance wit	h MPEP 609: draw line through	╡

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FORM PTO-1449 (Modified)	ATTY DOCKET NO. 370143-79	SERIAL NO. <del>69/907,273</del>	01643,046
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<b>/</b> 0 1		*	•
SP	267	ms g	OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)
Sept.	2) R	11E	S. Van Calenbergh et al., "Synthesis and Structure-Activity Relationship of Analogs of 2'-Deoxy-2'-(3-Methoxybenzamido)adenosine, a Selective Inhibitor of Trypanosomal Glycosomal Glyceraldehyde-3-Phospate Dehydrogenase," I. Med. Chem. 38:3838-3849 (1995).
L	X	112	D.L. Temple, Jrl, "Substituted 6,7-Dihydroimidazo[1,2-a] Purin-9 (4H)-ones," J. Med. Chem. 23:1188-1198 (1980).
		113	Y. Mizuno et al., "Novel Protecting Group for the Synthesis of 7α-D-Pentofuranosylhypoxanthines," <u>I. Org. Chem.</u> 37:39-42 (1972).
. •		114	P.K. Bridson & T.P. Wierich, "Cycle Homologues of Xanthines. I. Imidazo[4,5-e][1,4]Diazepine-5,8-Diones." <u>I. Heterocyclic Chem.</u> 25:1179-1182 (1988).
		115	P. Jimonet et al., "Riluzole Series. Synthesis and in Vivo "Antiglutamate" Activity of 6-Substituted-2-benzothiazolamines and 3-Substituted 2-imino-benzothiazolines," J. Med. Chem. 42:2828-2843 (1999).
		116	D. Manetti et al., "Design, Synthesis, and Preliminary Pharmacological Evaluation of 1,4-Diazabicyclo[4.3.0]nonan-9-ones as a New Class of Highly Potent Nootropic Drugs." J. Med. Chem. 43:1969-1974 (2000).
		117	D. Manetti et al., "Molecular Simplification of 1,4-Diazabicyclo[4.3.0]nonan-9-ones Given Piperazine Derivatives That Maintain High Nootropic Activity," J. Med. Chem, 43:4499-4507 (2000).
		118	Q. Dang et al., "A New Regio-Defined Synthesis of PMEA," Nucleosides & Nucleotides 17:1445-1451 (1998).
	1	119	C.L. Gibson et al., "Specific Inhibitors in Vitamin Biosynthesis. Part 10. Synthesis of 7- and 8-Substituted 7-Deazaguanines," J. Chem. Soc. Perkin Trans. 1 18:3025-3032 (1998).

Examiner Whu	perkeller	Date Considered	9/21/05	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	U.S. PATENT DOCUMENTS							
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1		wo	9533750		12/14/1995	Chen		Г
		wo	0105783		01/25/2001	Ohlmeyer et al.		
		wo	9714684		04/24/1997	Webb et al.		Т
1		wo	0114371		03/01/2001	Arnaiz et al.		
		wo	0204448		01/17/2002	Diamond et al.		
		wo	0204450		01/17/2002	Glasky et al.		Т
- 1 -		wo	0204451		01/17/2002	Glasky et al.		Τ
1/		wo	02058736	i i	08/01/2002	Taylor		T

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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